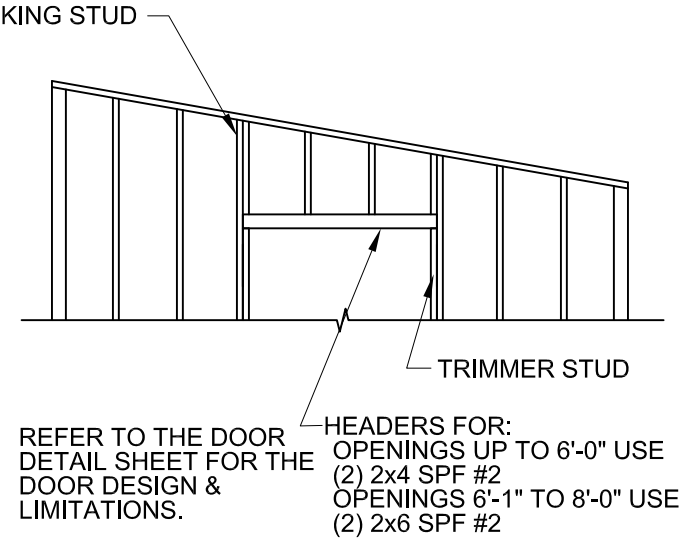
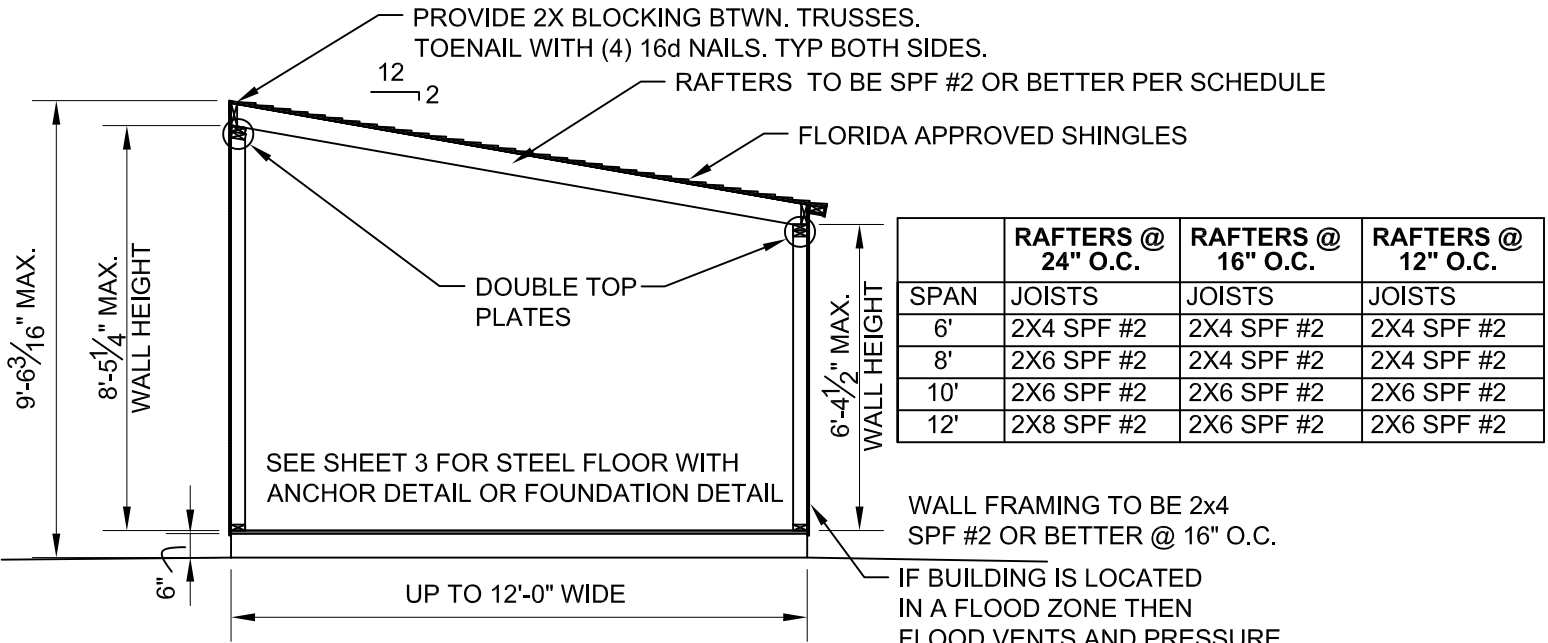


NOTES:

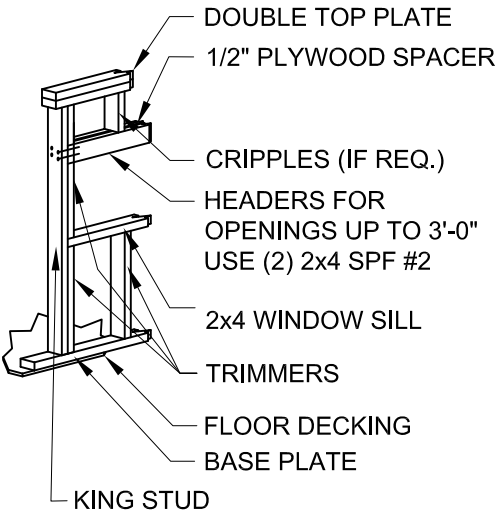
1. BUILDING CODE: FLORIDA BUILDING CODE, 7th EDITION (2020)
BUILDINGS ARE NOT FOR HIGH-VELOCITY HURRICANE ZONES (HVHZ)
2. DESIGN LOADING:
WIND SPEED: $V_{ult} = 155$
 $V_{asd} = 120$
EXPOSURE: C
ROOF LIVE LOAD: 20 PSF
ROOF DEAD LOAD: 10 PSF
FLOOR LIVE LOAD: MIN. 50 PSF (SEE NOTE 5, DETAIL 1, SHEET 3)
RISK CATEGORY: I
COMPONENT AND CLADDING: ROOF: 18/-29 PSF (ZONE 1)
18/-50 PSF (ZONE 2)
18/-74 PSF (ZONE 3)
WIND PRESSURE (psf) (ASD VALUES) (BASED ON 10 SQ FT)
WALL: 31/-34 PSF (ZONE 4)
31/-42 PSF (ZONE 5)

UNINHABITED UTILITY SHED UP TO 12' WIDE X UP TO 24' LONG
LEAN-TO



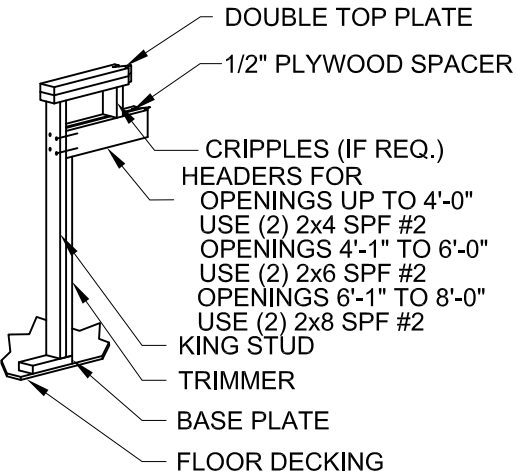
2 HEADER DETAIL FOR END WALL
SCALE: N.T.S.

1 BUILDING SECTION
SCALE: N.T.S.



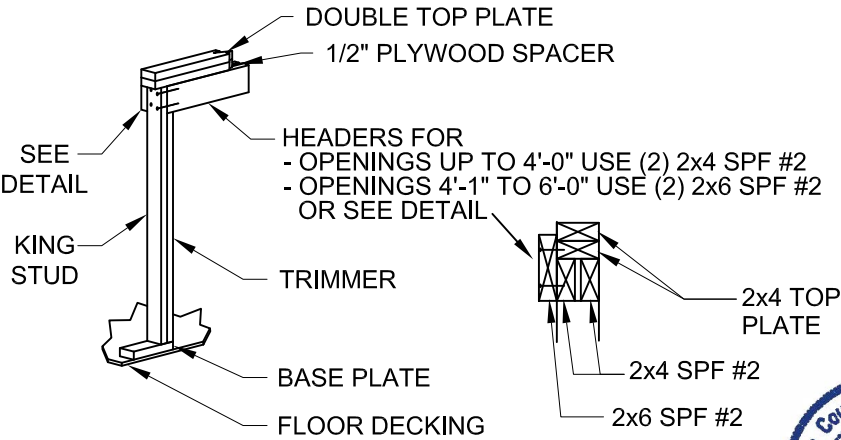
FOR WINDOW OPENINGS UP TO 3'-0" ON SIDE WALLS

3A WINDOW HEADER DETAIL FOR SIDE WALLS
SCALE: N.T.S.



FOR OPENINGS UP TO 8'-0" ON SIDE WALLS

3B DOOR HEADER DETAIL FOR WALLS (TALL SIDE WALL)
SCALE: N.T.S.



FOR OPENINGS UP TO 6'-0" ON SIDE WALLS

3C DOOR HEADER DETAIL FOR SIDE WALLS (SHORT SIDE WALL)
SCALE: N.T.S.



Order #.

Customer:

Site Address:

Building Size:WIDTH • LENGTH • HEIGHT • SQ. FT. AREA

PO #

Drawn By: SJ

Date: 1/2/15

Checked By:

Date:

Scale: N.T.S.

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TUFF SHED, INC.
ENGINEERING DEPARTMENT

RICHARD J. WILLS, P.E.
RWILLS@TUFFSHED.COM
1777 S. HARRISON STREET
DENVER, COLORADO 80210
(303) 753-8833 EXT. 96315

TITLE

BUILDING SECTIONS
HEADER FRAMING DETAILS
FBC, 7th EDITION (2020)
155C

DRAWING NO.
FL-PLT-01

REV. LEVEL 01

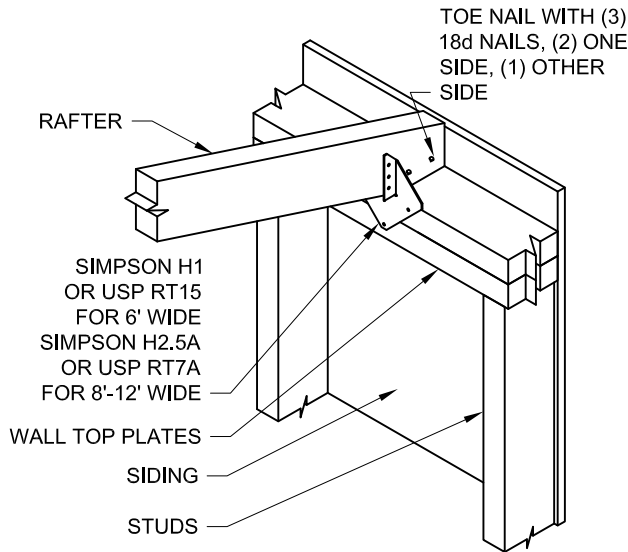
SHEET 1

SHEET 1 OF 3



3/8 SMART SIDE NAILING REQUIREMENTS

USE THESE NAILING TABLES FOR THE LEAN-TO DRAWINGS



1 RAFTER TO WALL CONNECTION DETAIL
SCALE: N.T.S.

SIDE WALL EDGE NAILING REQUIREMENTS					
MARK WALLS BEING USED	END WALL WIDTH	SIDE WALL LENGTH	EDGE NAILING	MAX. COMB. OPENING (NOTE 2)	MIN TOTAL COMBINED SHEAR WALL

NO OPENINGS ALONG THE WALL					
	6'	6'-18'	8d NAILS @ 6" O.C.	0'	6'-18'
	8'	8'-24'	8d NAILS @ 6" O.C.	0'	8'-24'
	10'	10'-24'	8d NAILS @ 6" O.C.	0'	10'-24'
	12'	12'-24'	8d NAILS @ 6" O.C.	0'	12'-24'

MIN 2'-6" RTN WALLS ON EACH END OF WALL- MIN 2'-6" WALL SEGMENT					
	6'	6'-18'	8d NAILS @ 6" O.C.	UP TO 12'	5'
	8'	8'-24'	8d NAILS @ 6" O.C.	UP TO 12'	6'
	10'	10'-24'	8d NAILS @ 6" O.C.	UP TO 12'	7'
	12'	12'-24'	8d NAILS @ 6" O.C.	UP TO 12'	8'
	12'	12'-24'	8d NAILS @ 4" O.C.	UP TO 12'	6'

ROOF SHEATHING (7/16" OSB)			
WIDTH	LENGTH	FIELD NAILING	EDGE NAILING
6'	6'-18'	8d NAILS @ 8" O.C.	8d NAILS @ 4" O.C.
8'	8'-24'	8d NAILS @ 8" O.C.	8d NAILS @ 4" O.C.
10'	10'-24'	8d NAILS @ 8" O.C.	8d NAILS @ 4" O.C.
12'	12'-24'	8d NAILS @ 8" O.C.	8d NAILS @ 4" O.C.

NOTES:
1. USE 8d COMMON OR GALVANIZED BOX NAILS.

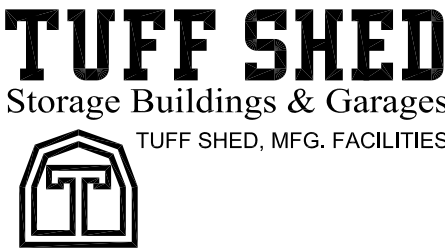
END WALL EDGE NAILING REQUIREMENTS					
MARK WALLS BEING USED	END WALL WIDTH	SIDE WALL LENGTH	EDGE NAILING	MAX. COMB. OPENING	MIN TOTAL COMBINED SHEAR WALL

NO OPENINGS ALONG THE WALL					
	6'	6'-8'	8d NAILS @ 6" O.C.	0'	6'
	6'	10'-14'	8d NAILS @ 4" O.C.	0'	6'
	6'	16'-18'	8d NAILS @ 3" O.C.	0'	6'
	8'	8'-12'	8d NAILS @ 6" O.C.	0'	8'
	8'	14'-18'	8d NAILS @ 4" O.C.	0'	8'
	8'	20'-24'	8d NAILS @ 3" O.C.	0'	8'
	10'	10'-14'	8d NAILS @ 6" O.C.	0'	10'
	10'	16'-22'	8d NAILS @ 4" O.C.	0'	10'
	10'	24'	8d NAILS @ 3" O.C.	0'	10'
	12'	12'-18'	8d NAILS @ 6" O.C.	0'	12'
	12'	20'-24'	8d NAILS @ 4" O.C.	0'	12'

MIN 2'-6" RTN WALLS ON EACH END OF WALL- MIN 2'-6" WALL SEGMENT					
	6'	6'-9'	8d NAILS @ 3" O.C.	3'	SEE NOTE 3
	6'	10'	8d NAILS @ 3" O.C. (BS)	3'	2'6" (RE: NOTE 6)
	8'	8'-10'	8d NAILS @ 4" O.C.	3'	5'
	8'	12'-14'	8d NAILS @ 3" O.C.	3'	5'
	8'	16'-24'	8d NAILS @ 3" O.C. (BS)	3'	5'
	10'	10'	8d NAILS @ 6" O.C.	3'	7'
	10'	12'-16'	8d NAILS @ 4" O.C.	3'	7'
	10'	18'-20'	8d NAILS @ 3" O.C.	3'	7'
	10'	22'-24'	8d NAILS @ 4" O.C. (BS)	3'	7'
	10'	10'-12'	8d NAILS @ 4" O.C.	4'	6'
	10'	14'-16'	8d NAILS @ 3" O.C.	4'	6'
	10'	18'-24'	8d NAILS @ 4" O.C. (BS)	4'	6'
	10'	10'	8d NAILS @ 4" O.C.	5'	5'
	10'	12'-14'	8d NAILS @ 3" O.C.	5'	5'
	10'	12'-14'	8d NAILS @ 3" O.C. (BS)	5'	5'
	12'	12'	8d NAILS @ 6" O.C.	4'	8'
	12'	14'-18'	8d NAILS @ 4" O.C.	4'	8'
	12'	20'-22'	8d NAILS @ 3" O.C.	4'	8'
	12'	24'	8d NAILS @ 4" O.C. (BS)	4'	8'
	12'	12'	8d NAILS @ 4" O.C.	6'	6'
	12'	14'-16'	8d NAILS @ 3" O.C.	6'	6'
	12'	12'-14'	8d NAILS @ 3" O.C.	7'	5'
	12'	16'-24'	8d NAILS @ 3" O.C. (BS)	7'	5'

TABLE NOTES:

- NAILING IS FOR 3/8" SMARTSIDE PANEL OR 3/8" SMARTSIDE WITH FOIL BACKER.
- NO SINGLE OPENING GREATER THAN 8'-0"
- * 6' WIDE X 6'-9' LENGTH BUILDINGS ARE BASED ON 3-SIDED DIAPHRAGM. THE END WALL OPPOSITE OF THE OPENING MUST BE FULLY SHEATHED, IN THE 3-SIDED DIAPHRAGM CASES. THE END WALL WITH THE OPENING DOES NOT HAVE A MIN. RETURN WALL ON EACH SIDE OF THE OPENING.
- USE COMMON NAILS OR GALVANIZED BOX NAILS.
- FIELD NAILING FOR 3/8" SMARTSIDE: 8d @ 12" O.C.
- ON THESE BUILDNGS 6' X 10' THE 3' DOOR IN THE END WALL WILL NEED TO BE OFF SET. THERE WILL BE A 2'-6" PANEL ON ONE SIDE AND A 6" PANEL ON THE OTHER SIDE OF THE DOOR.
- (BS) - DESIGNATES WALLS THAT NEED TO BE SHEATHED ON BOTH SIDES.



Order #. _____

Customer: _____

Site Address: _____

Building Size:WIDTH - LENGTH - HEIGHT - SQ. FT. AREA _____

PO # _____

Drawn By: SJ _____

Date: 1/2/15 _____

Checked By: _____

Date: _____

Scale: N.T.S. _____

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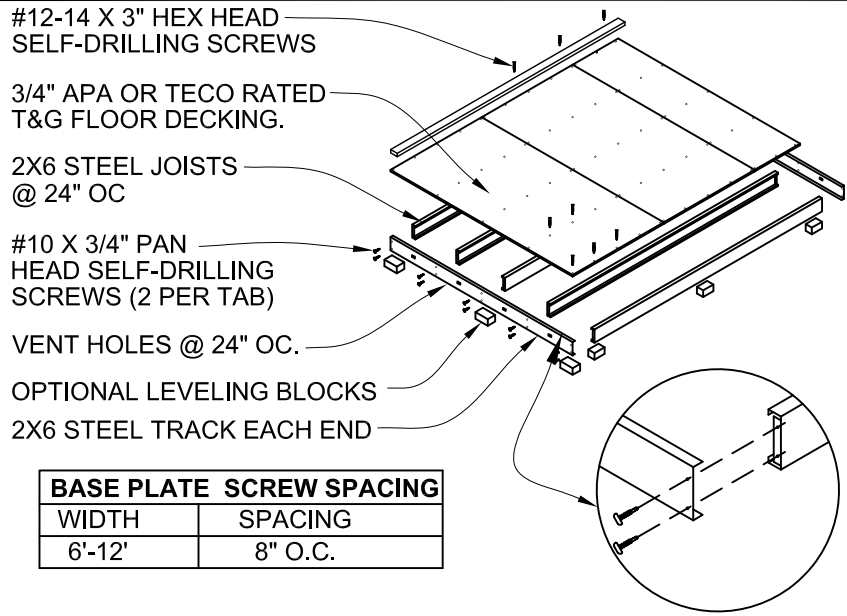
TITLE
DOOR DETAILS
NAILING REQUIREMENTS
FBC, 7th EDITION (2020)
155C

DRAWING NO.
FL-PLT-01

REV. LEVEL 01

SHEET 2

SHEET 2 OF 3

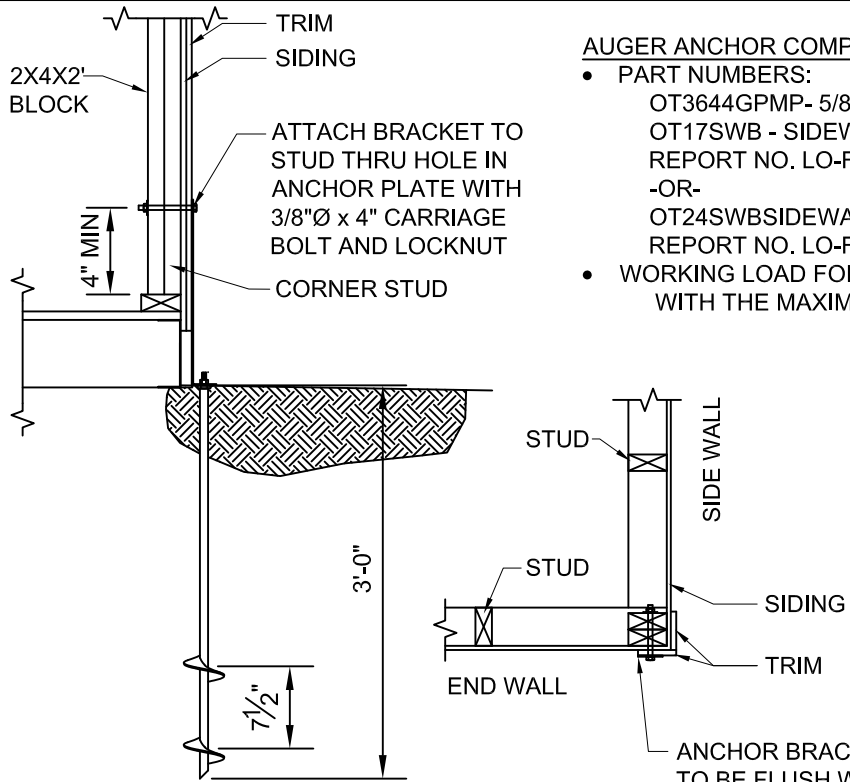


BASE PLATE SCREW SPACING	
WIDTH	SPACING
6'-12'	8" O.C.

1. STEEL SHED FOUNDATION:
600T125-054 - 16 GAUGE STEEL TRACKS G140 ZINC COATED
600S137-054 - 16 GAUGE STEEL JOISTS G140 ZINC COATED @ 24" O.C.
(SUPPLIER: ALLIED STUDCO (JOIST: 600S137-054 / TRACK: 600T125-054) ICC ER-4943P.
2. 3/4" APA OR TECO RATED TONGUE AND GROOVE FLOOR DECKING. 24" MAX PANEL SPAN. STAGGER PANEL LAYOUT.
3. FASTEN FLOOR DECKING TO JOIST & TRACKS USING #8 x 1-5/8" ZINC PLATED SCREWS @ 12" O.C. NO BLOCKING REQUIRED. ALL EDGES SHALL LIE ON FLOOR JOISTS. STAGGER PANEL LAYOUT PER APA CONDITION 1.
4. FASTEN SOLE PLATE THROUGH FLOOR DECKING INTO JOISTS OR TRACKS WITH #12-14 X 3" GALVANIZED SELF-DRILLING SCREWS. REFERENCE SPACING CHART.
5. ALLOWABLE FLOOR LIVE LOAD: 75 PSF FOR STEEL JOISTS CONTINUOUSLY SUPPORTED. 50 PSF FOR JOISTS ON BLOCKS AS SHOWN.
6. USE OPTIONAL CONCRETE BLOCKS AS REQUIRED TO LEVEL BUILDING:
SUGGESTED SIZES: 2" x 8" x 16", 4" x 8" x 16", OR 8" x 8" x 16".
BLOCKS UNDER JOISTS SPACED @ 8'-0" O.C. MAXIMUM.
BLOCKS UNDER TRACK SPACED @ 4'-0" O.C. MAXIMUM.

1 STEEL SHED BASE DETAIL

SCALE: N.T.S.



AUGER ANCHOR COMPONENTS BY OLIVER TECHNOLOGIES

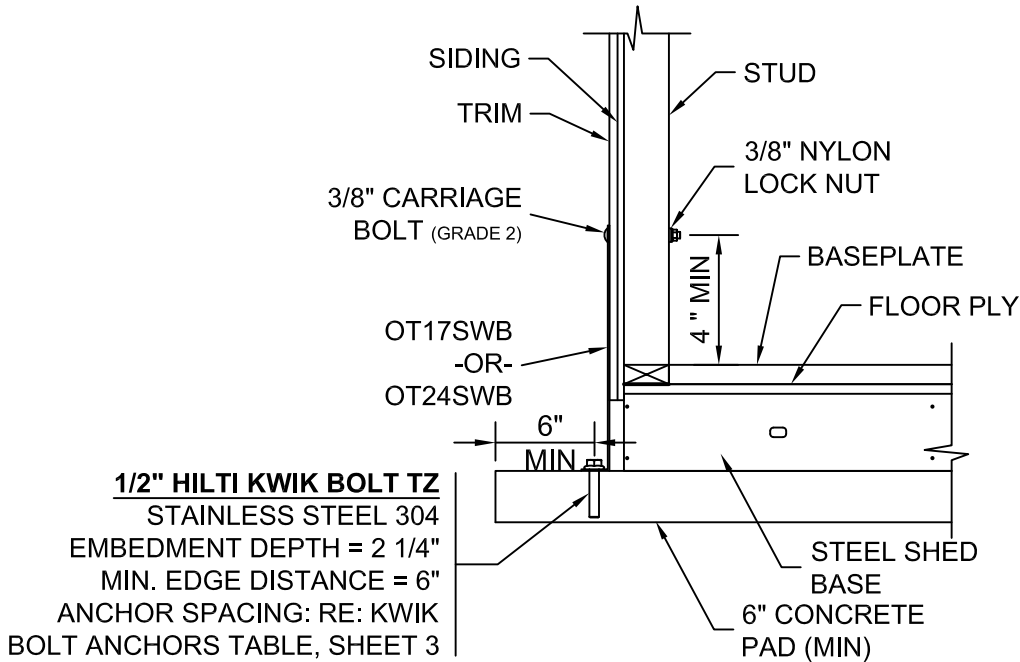
- PART NUMBERS:
OT3644GPMP- 5/8" X 36" (36" IMBED) GALVANIZED AUGER
OT17SWB - SIDEWALL BRACKET FOR USE WITH THRU BOLTS
REPORT NO. LO-FJ90129-A
-OR-
OT24SWBSIDEWALL BRACKET FOR USE WITH THRU BOLTS
REPORT NO. LO-FJ90129-B
- WORKING LOAD FOR ANCHOR SYSTEM IS 3,150 LBS WITH THE MAXIMUM LOAD OF 5,080 LBS

AUGER ANCHORS		
WIDTH	LENGTH	# OF ANCHORS
6'	6'-18'	4 ANCHORS
8'	8'-24'	4 ANCHORS
10'	10'-24'	4 ANCHORS
12'	12'-24'	4 ANCHORS

4-ANCHORS PROVIDE (1) AT EA. CORNER OF THE BUILDING.

2 AUGER ANCHOR DETAIL

SCALE: N.T.S.

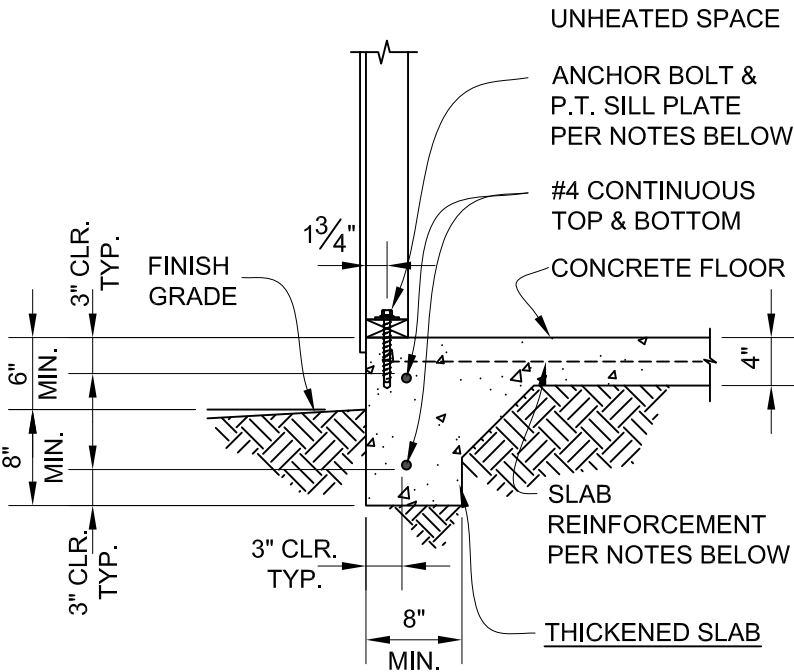


KWIK BOLT ANCHORS (INTO CONCRETE) RE: DETAIL 3 SHEET 3			
WIDTH	LENGTH	QTY	
6'	6'-10'	6	
6'	12'-18'	8	
8'	8'-14'	6	
8'	16'-20'	8	
8'	22'-24'	10	
10'	10'-16'	6	
10'	18'-24'	8	
12'	12'-18'	6	
12'	20'-24'	8	

- NOTES:
1. ANCHORS TO BE KWIK BOLT TZ, 304 SS
 2. PROVIDE (1) ANCHOR AT EA. CORNER OF THE BUILDING. THE REMAINING ANCHORS EQUALLY SPACED ALONG THE LENGTH OF THE BUILDING. (1/2 THE REMAINING ANCHORS ON EA. LENGTH SIDE EQUALLY SPACED).

3 SIDEWALL BRACKET DETAIL

SCALE: N.T.S.



- CONTINUOUS FOOTING NOTES
1. TOP OF SLAB TO BE 6" MIN. ABOVE GRADE. SLAB REINFORCEMENT SHALL BE WWF 6X6 W1.4xW1.4 . LOCATE AT MID-DEPTH OF SLAB.
-OR-
SLAB REINFORCEMENT SHALL BE FIBERMESH 150 OR BLENDED FIBERMESH150. FIBERMESH SHOULD BE DISPERSED UNIFORMLY THROUGH CONCRETE W/ MIN. 1 POUND PER CUBIC YARD OF CONCRETE. BEFORE POURING CONCRETE.
 2. ALL FOOTING FORMS SHALL BE INSPECTED FOR SIZE AND REINFORCING BEFORE POURING CONCRETE.
 3. FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL, COMPETENT SOIL, OR PROPERLY COMPACTED STRUCTURAL FILL. ALLOWABLE SOIL BEARING PRESSURE IS 1000 PSF AT 12" BELOW GRADE.
 4. CONCRETE: MINIMUM 28 DAY COMPRESSIVE STRENGTH, f'c = 2500 PSI.
 5. REINFORCING STEEL: A615, GRADE 40 OR GRADE 60. ALL REINFORCING STEEL SHOWN TO BE CONTINUOUS MAY BE LAPPED A MINIMUM OF 38 BAR DIAMETERS OR 24" MINIMUM, WHICHEVER IS LARGER.
 6. SEISMIC DESIGN CATEGORY: B
A. ATTACH PRESSURE TREATED SOLE PLATE TO THE FOOTING USING 1/2" DIA X 7" LONG SIMPSON TITEN ANCHOR WITH WASHERS.
B. EXPANSION BOLTS SHALL BE EMBEDDED AT LEAST 5" INTO THE CONCRETE AND SHALL BE SPACED NOT MORE THAN 6" OC.
C. THERE SHALL BE A MINIMUM OF 2 BOLTS PER SOLE PLATE PIECE WITH 1 BOLT LOCATED NOT MORE THAN 12" NOR LESS THAN 7 BOLT DIAMETERS FROM EACH END OF EACH PIECE.

4 CONCRETE FOUNDATION DETAIL

SCALE: N.T.S.

TUFF SHED
Storage Buildings & Garages



Order #.	
Customer:	
Site Address:	
Building Size: WIDTH - LENGTH - HEIGHT - SQ. FT. AREA	

PO #	
Drawn By: SJ	
Date: 1/2/15	
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TITLE
DETAILS
FBC, 7th EDITION (2020)
155C

DRAWING NO.	FL-PLT-01
REV. LEVEL	01
SHEET	3
SHEET	3 OF 3